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1 [Scaling replica maintenance in intermittently synchronized mobile databases](#)

Wai Gen Yee, Michael J. Donahoo, Edward Omiecinski, Shankant B. Navathe

 October 2001 **CI KM '01**: Proceedings of the tenth international conference on Informatic management

Publisher: ACM [Request Permissions](#)

Full text available: Pdf (2.20 MB)

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To avoid the high cost of continuous connectivity, a class of mobile applications emul that are periodically updated. Updates to these replicas are typically performed on a the server individually ...

Keywords: distributed databases, intermittent synchronization, mobile databases
2 [An efficient bandwidth-sharing technique for true video on demand systems](#)

Ying Cai, Kien A. Hua

 October 1999 **MULTIMEDIA '99**: Proceedings of the seventh ACM international conferen

Publisher: ACM [Request Permissions](#)

Full text available: Pdf (499.43 KB)

 Additional Information: [full citation](#), [abstract](#), [references](#), ...

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 21, Downloads (Overall): 47

Patching is a cost efficient channel-sharing technique for video-on-demand systems. limited due to the fact that a video stream cannot be shared unless it delivers the vid larger and larger ...

3 [On the impact of concurrent downloads](#)

Yong Liu, Weibo Gong, Prashant Shenoy

 December 2001 **WSC '01**: Proceedings of the 33nd conference on Winter simulation

Publisher: IEEE Computer Society

Full text available: Pdf (107.47 KB)

 Additional Information: [full citation](#), [abstract](#), [references](#), ...

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 26, Downloads (Overall): 11

Concurrent downloads accelerate information access speed for individual web users. multiple connections launched for one subject download, which leads to unfairness at study the impact of concurrent ...

4 [Practical experience with an application extractor for Java](#)

Frank Tip, Chris Laffra, Peter F. Sweeney, David Streeter

 October 1999 **OOPSLA '99**: Proceedings of the 14th ACM SIGPLAN conference on Object systems, languages, and applications

Publisher: ACM [Request Permissions](#)

Full text available: Pdf (2.31 MB)

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Java programs are routinely transmitted over low-bandwidth network connections as archives (i.e., zip files and jar files). Since archive size is directly proportional to download applications to be as ...

Also published in:

October 1999 **SIGPLAN Notices** Volume 34 Issue 10

5 [The internet vs e-commerce servers: when will server performance matter?](#)

D. Krishnamurthy, J. Rolia

November 1998 **CASCON '98**: Proceedings of the 1998 conference of the Centre for Adv Collaborative research

Publisher: IBM Press


Full text available:  Pdf (113.14 KB)

Additional Information: full citation, abstract, references, ...

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 23, Downloads (Overall): 36


The cycle time of an Internet based online shopper includes time at an electronic storefront to gather information and purchase products, download time to transfer data over the Internet, and time interpreting the results ...

6 [Fractal summarization for mobile devices to access large documents on the web](#)

 Christopher C. Yang, Fu Lee Wang

May 2003 **WWW '03**: Proceedings of the 12th international conference on World Wide Web

Publisher: ACM

Full text available:  Pdf (317.55 KB)


Additional Information: full citation, abstract, references, ...

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 74, Downloads (Overall): 36

Wireless access with mobile (or handheld) devices is a promising addition to the WWW business. Mobile devices provide convenience and portable access to the huge information without requiring users to ...

Keywords: document summarization, fractal summarization, handheld devices, mobile devices

7 [Price issues in delivering E-content on-demand](#)

 Srinivasan Jagannathan, Kevin C. Almeroth

March 2002 **SI Gecom Exchanges**, Volume 3 Issue 2

Publisher: ACM

Full text available:  Pdf (200.03 KB)

Additional Information: full citation, abstract, references, ...

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 8, Downloads (Overall): 14

The explosive increase in Internet bandwidth and usage opens a vista of opportunities for software and services using the Internet. Once e-content is created, the cost of replicating and downloading the e-content ...

8 [Enabling the Co-Allocation of Grid Data Transfers](#)

Sudharshan Vazhkudai

November 2003 **GRI D '03**: Proceedings of the 4th International Workshop on Grid Computing

Publisher: IEEE Computer Society

Full text available:  Pdf (279.06 KB)

Additional Information: full citation, abstract, references, ...

Bibliometrics: Downloads (6 Weeks): 16, Downloads (12 Months): 33, Downloads (Overall): 66

Data-sharing scientific communities use storage systems as distributed data stores by highly replicated environments, a particular dataset can reside at multiple locations and

from any one of them. Since ...


Keywords: Data Grids, Co-allocation, Partial Transfers, Scheduling, Peer-to-peer

9 APPOINT: an Approach for Peer-to-Peer Offloading the INternet

Egemen Tanin, Hanan Samet

May 2002 **dg.o '02: Proceedings of the 2002 annual national conference on Digital go**

Publisher: Digital Government Research Center

Full text available:  Pdf (194.34 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [related](#)

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 15, Downloads (Overall): 27


The Internet has recently become the medium of interaction with large volumes of or public and private sectors made their data archives available over the Internet. Work of online data is a challenging ...

10 Improving access to large volumes of online data

Egemen Tanin, Hanan Samet

May 2003 **dg.o '03: Proceedings of the 2003 annual national conference on Digital go**

Publisher: Digital Government Research Center

Full text available:  Pdf (83.94 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [related](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 13, Downloads (Overall): 57

The Internet has recently become the medium of interaction with large volumes of data and private sectors made their databases available over the Internet. Working with such data is a challenging task. ...



11 Low-Cost Software-Based Self-Testing of RISC Processor Cores

N. Kranitis, G. Xenoulis, D. Gizopoulos, A. Paschalis, Y. Zorian

March 2003 **DATE '03: Proceedings of the conference on Design, Automation and**

1, Volume 1

Publisher: IEEE Computer Society

Full text available:  [Publisher Site](#),  Pdf (156.67 KB) **Additional Information:** [full citation](#), [abstract](#), [references](#), [related](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 36, Downloads (Overall): 14


Software self-testing of embedded processor cores which effectively partitions the test speed external equipment and internal processor resources, has been recently proposed: classical hardware built-in self-test ...

12 Using latency-recency profiles for data delivery on the web

Laura Bright, Louisa Raschid

August 2002 **VLDB '02: Proceedings of the 28th international conference on Very Large**

Publisher: VLDB Endowment


Full text available:  Pdf (322.99 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [related](#)

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 14, Downloads (Overall): 36


An important challenge to web technologies such as proxy caching, web portals, and cached data up-to-date. Clients may have different preferences for the latency and recency of data, ...

13 Workload characterization of a Web proxy in a cable modem environment

 Martin Arlt, Rich Friedrich, Tai Jin

September 1999 **SIGMETRICS Performance Evaluation Review**, Volume 27 Issue 2

Publisher: ACM

Full text available:  Pdf (1.09 MB)

Additional Information: [full citation](#), [abstract](#), [cited by](#), [related](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 15, Downloads (Overall): 27


This paper presents a detailed workload characterization study of a World-Wide Web proxy within an Internet Service Provider (ISP) environment were collected. This ISP Web using high-speed cable ...

14 [Dynamic parallel access to replicated content in the internet](#)

Pablo Rodriguez, Ernst W. Biersack

August 2002 **IEEE/ ACM Transactions on Networking (TON)** , Volume 10 Issue 4

Publisher: IEEE Press

Full text available:  Pdf (350.99 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), ...

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 42, Downloads (Overall): 54

Popular content is frequently replicated in multiple servers or caches in the Internet to improve end-user experience. However, choosing the best server is a nontrivial task for a poor end user experience. ...


Keywords: HTTP, content distribution, internet, mirroring, parallel access, peer-to-peer

15 [Software Streaming via Block Streaming](#)

Pramote Kuacharoen, Vincent J. Mooney, Vijay K. Madisetti

March 2003 **DATE '03: Proceedings of the conference on Design, Automation and Test in Europe** , Volume 1

Publisher: IEEE Computer Society





Full text available:  Pdf (168.48 KB) **Additional Information:** [full citation](#), [abstract](#), [references](#), ...

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 6, Downloads (Overall): 58

Software streaming allows the execution of stream-enabled software on a device even if the transmission/streaming may still be in progress. Thus, the software can be executed instead of causing the user to wait for the completion ...

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